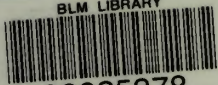


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United States Department of the Interior
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Miles City District Office

March 1992

RANGELAND PROGRAM SUMMARY

South Dakota Resource Area



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BLM-MT-ES-92-006-4320

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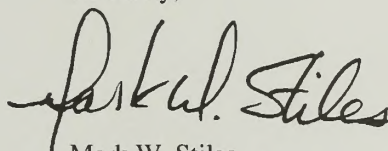
United States Department of the Interior
BUREAU OF LAND MANAGEMENT
SOUTH DAKOTA RESOURCE AREA
310 Roundup Street
Belle Fourche, South Dakota 57717

Dear Reader:

This Rangeland Program Summary (RPS) describes the present status of the range management program in the South Dakota Resource Area (SDRA), and explains planned grazing management actions which are based on land use decisions and current policy. The land use decisions were published in the final South Dakota Resource Area Management Plan/Environmental Impact Statement (RMP/EIS) published in November of 1985, and in the Record of Decision (ROD) dated April of 1986. In March of 1987, the Range Program Summary was published to show the manner in which the plans were implemented, and the results. This update is a continuation of that effort.

For further information relating to the range program in the South Dakota Resource Area, please contact the Area Manager at the South Dakota Resource Area Office, 310 Roundup Street, Belle Fourche, South Dakota 57717.

Sincerely,

A handwritten signature in dark ink, appearing to read "Mark W. Stiles". The signature is fluid and cursive, with the first name "Mark" and last name "Stiles" being the most prominent parts.

Mark W. Stiles
Area Manager

#25884314
ID 88075378

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RANGELAND PROGRAM SUMMARY

South Dakota Resource Area Miles City District

March 1992

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ACRONYMS AND ABBREVIATIONS

ADP	Allotment Development Plan
AMP	Allotment Management Plan
ALLOT. NO.	Allotment Number
APHIS	Animal and Plant Health Inspection Service
AUM	Animal Unit Month
BLM	Bureau of Land Management
CFR	Code of Federal Regulations
CRMP	Coordinated Resource Management Plan
EIS	Environmental Impact Statement
FY	Fiscal Year
GR. NO.	Grazing Number
HMP	Habitat Management Plan
IWM	Integrated Weed Management
MRB	Missouri River Basin
NEPA	National Environmental Policy Act of 1969
NOAA	National Oceanic and Atmospheric Administration
PNC	Potential Natural Community
RAWS	Remote Automatic Weather Station
RMP	Resource Management Plan
ROD	Record of Decision
RPS	Rangeland Program Summary
SCS	Soil Conservation Service
SDRA	South Dakota Resource Area

INTRODUCTION

The South Dakota Resource Area (SDRA) published the final version of the Resource Management Plan (RMP) in November of 1985, and the Record of Decision (ROD) in April of 1986. A Range Program Summary (RPS) was issued in March of 1987, explaining present and planned management actions based on the RMP's land use decisions and current policy. The Bureau of Land Management's (BLM) Montana/Dakota policy requires RPS updates every three years, as a minimum.

The purpose of the RPS is to notify the public, prior to implementation, of any proposed changes in allotment category, new or proposed range improvements, or other proposed management changes. Proposals have been developed to conform to applicable land use plans. Required National Environmental Policy Act of 1969 (NEPA) analysis and documentation will be completed prior to implementation of all proposals.

Parties who have an interest in or who are potentially affected by the proposals and who wish to receive a copy of specific proposals, decisions, and related environmental analysis documents should request the information in writing, specifying the allotment name and number, within 30 days from the release of the document. Protest and appeal provisions of 43 CFR 4160 will apply.

NEW ISSUES

Riparian area management must be addressed, particularly in reference to the following: inventory, noxious weeds, and pest control. In 1985, the BLM began a national riparian initiative to focus attention and commitment toward the proper management of riparian areas. After a national policy was signed, all BLM offices were instructed to rank riparian management as a high program priority. Consequently, the SDRA began the process of performing an inventory and establishing riparian monitoring studies on the following drainages:

1. Battle Creek was inventoried and classified in July 1991 by the Montana Riparian Association.
2. Alkali Creek had 50 percent of the drainage inventoried and classified in July 1991 by the Montana Riparian Association.
3. Fourmile Creek.
4. Porcupine Creek.
5. Badlands Creek.
6. Whitewood Creek was inventoried and classified in July 1991 by the Montana Riparian Association.

Riparian demonstration areas were established on Battle Creek (Crago Allotment Management Plan) and the north fork of Spring Creek (Fort Meade). The Battle Creek unit consists of an area of approximately 175 acres in addition to half a mile of drainage. Since it runs along the old U.S. Highway 85, it is accessible to the viewing public. In the spring of 1990, a local 4-H club assisted in planting 500 willows. General riparian objectives have been identified and will be included in the revision of the Allotment Management Plan (AMP). The Spring Creek unit consists of .35 miles of riparian creek bottom with an electric fence installed for controlling livestock. The purpose of this demonstration area is to establish woody plant growth by controlling livestock with use of the electric fence. If successful, the technique would be used throughout the Fort Meade Recreation Area.

Noxious weeds require attention; the BLM currently is implementing an integrated weed management (IWM) approach. This includes prevention, biological control such as insects, pathogens and domestic animals, chemical and mechanical control, and early detection of the noxious weeds. The annual weed control budget for the SDRA is \$1,500 for chemical cost and work months. There are no cooperative agreements or contracts with any local, state or other federal agencies.

The SDRA's weed program is managed by area: Fort Meade Recreation Area, the Exemption Area, and the remainder of the SDRA. In Fort Meade, the weeds are confined to a specific area covering fewer than five acres; the range staff sprays for leafy spurge and Canadian thistle. In the Exemption Area, the land is infested with Canadian thistle and isolated pockets of leafy spurge; currently, there is no action plan for control. Adding to the problem is the fragmented land ownership. Cooperative agreements for weed control will be explored with Lawrence County and the Black Hills National Forest. The remainder of the SDRA has no known major weed infestations on public lands.

Pest control involving prairie dogs, grasshoppers, and predators is managed by the SDRA in cooperation with the Animal and Plant Health Inspection Service (APHIS) of the U.S. Department of Agriculture. The Miles City District's Black-tailed Prairie Dog Management Plan, implemented in 1987 by the SDRA, gives general guidance for management and control of prairie dogs on the public lands. That same year, the BLM cooperated with APHIS to control five prairie dog towns on 200 acres in the Two Rivers Area in Meade County. In 1990, the BLM conducted a follow-up inventory of Two Rivers, and identified three areas needing treatment. Two will receive bait treatment; the use of a raptor perch pole is being considered for the third. Future consideration for prairie dog control on the public lands will be individually determined in accordance with the Miles City District's Black-tailed Prairie Dog Management Plan.

The SDRA's grasshopper program is directed by the Range-land Grasshopper Cooperative Management Program Environmental Impact Statement (EIS). APHIS oversees the grasshopper program on the public lands and is required to contact the BLM office on proposed spraying projects. Special stipulations are used to help mitigate negative impacts. Since 1987, spraying on the public lands has been limited to isolated outbreaks (200 acres) in Lawrence County.

The SDRA's predator control program has operated since December of 1974 in accordance with a cooperative agreement between the BLM and APHIS. It allows APHIS to remove pests on the public lands, although the need for this has been minimal since 1987. Each year, the agencies also develop an Animal Damage Control Plan for mitigation.

GRAZING ADJUSTMENTS

TABLE 1
ACTIVE PREFERENCE AUMS

Operator Number	Operator Name	Allot. Number	Act. Pref. Pref.	Current Act. Pref.	Explanation
258008	Arneson, L. Arneson, L.	02495 02703	244	100 131	Allot. separated into 2 units. 40 acres excluded.
258011	Onida Feeder	02707	208	195	40 acres excluded from lease.
258031	Burke, J. Burke, J.	02403 02497	1346	1286 60	Allot. separated into 2 units.
258039	Chaffee, F.	02723	820	851	Activated suspended AUMs.
258080	Dunn, W.	02751	351	12	Transferred 339 AUMs from lease.
258084	Gilger, P.	02447	110	163	Combined with grazing operator 258108.
258090	Skvicalo, B.	02604	40	60	Added 20 AUMs from Allot. 02630. The remainder of Allot. 02630 cancelled.
258098	Fox, L.	02414	293	488	Transferred 195 AUMs to lease from 258080.
258120	Limpert, S.	02778	92	84	Readjudicated from MRB survey.
258131	Deibel, J.	02417	683	2465	Combined with grazing Allot. 02429.
258155	Kindsfater	02440	351	352	Readjudicated from MRB survey.

TABLE 1 (continued)
ACTIVE PREFERENCE AUMS

Operator Number	Operator Name	Allot. Number	Act. Pref. Pref.	Current Act. Pref.	Explanation
258217	Schearer, G.	01749	75	27	160 acres removed from lease and transferred to 258139.
258244	Hafner, D.	02451	69	15	Originally one lease. Property sold to two new operators: Hafner and Hanson 258122.
258274	Ruple, R.	02491	252	251	Readjudicated from MRB survey.
258298	Clarkson Ran	02445	172	171	Readjudicated from MRB survey.
258306	Taggart, D	02612	90	60	Transferred 30 AUMs to lease from 258365.
258326	Van Zante, M.	02804	130	80	Removed 200 Acres (50 AUMs) from lease and transferred to 258485.
258329	Barker, J.	07238	135	142	Readjudicated from MRB survey.
258370	Tubbs, M.	07277	14	6	Transferred 40 acres (8 AUMs) to 258137.
258376	7-11 Ranch	07272	28	12	Removed 80 Acres (16 AUMs) from lease and transferred to 258319.
258448	Brockel, T.	07349	65	47	Reevaluated BLM carrying capacity, 1987.
258472	Vig, B.	07372	0	5	Activated suspended AUMs.
258474	Tveidt, L.	07374	0	6	Activated long-term nonuse.
258479	Vroman, C. J	07379	21	10	Transferred 40 acres (11 AUMs) to 258213.
258025	Fort Meade	02501	900	699	Reevaluated BLM carrying capacity.
258136	Bear Butte	02502	1000	1261	Reevaluated BLM carrying capacity.
258135	Hett, D.	01727	32	12	Removed 80 Acres (20 AUMs) from lease. Will be re-assigned.

TABLE 2
SUSPENDED AUMs

Operator #	Operator Name	Allot. #	Suspended AUMs
258040	Chaffee, V.	02724	21
258124	Miller, J.	01783	21
258262	Broadhurst, T	01783	13
258448	Brokel, T.	07349	18

Custodial (C) - These are allotments in stable condition which have no major resource conflicts and productive potential is economically limited. Includes allotments with very poor soil productivity and small isolated tract allotments.

The following table depicts the current number of grazing allotments in the SDR by category, acreage, and Animal Unit Months (AUMs).

TABLE 3
GRAZING ALLOTMENTS

Allotment Category	Number of Allotments	Public Acres	Public AUMs
M	52	123,901	33,318
I	20	46,822	12,827
C	399	99,563	27,853
Total	471	270,286	73,998

ALLOTMENT MANAGEMENT CATEGORIES

Grazing allotments have been assigned to an allotment category to establish priorities for distributing available funds and personnel during program implementation. Categorization involves placing allotments into one of three categories. The three categories broadly defined rangeland management objectives in response to an analysis of the allotment's resource characteristics, potential, opportunity, and needs. The categories are:

Maintain (M) - These are highly productive allotments which are in good condition and have no significant resource conflicts.

Improve (I) - These are allotments in less than satisfactory conditions, possibly with existing resource conflicts and not producing at their productive potential.

NOTE: See Appendix 1 for specific allotment categorization.

Factors used in the categorization of the allotments are taken from the RMP and from the BLM Manual's Supplemental Guidelines. These factors include: resource potential, resource use conflicts or controversy, positive economic potential, present management situations, present resource conditions, riparian, and other relevant criteria.

TABLE 4
GRAZING ALLOTMENTS CHANGED FROM "I" IMPROVE TO "M" MAINTAIN CATEGORIES

Operator Number	Operator Name	Allot. Number	Year of Change	Explanation of Changes
258063	Crago, V.	02410	1988	Late seral to Potential Natural Community (PNC) ecological condition.
258290	Dodd, B.	02444	1988	Late seral to PNC ecological condition.
258160	Meyer, R.	02430	1988	Late seral to PNC ecological condition; upward trend.
258049	Clarkson	02404	1988	Late seral condition.
258071	Davis, C.	02470	1988	Late seral to PNC ecological condition.
258302	Kjerstad	02224	1988	Late seral condition.
258155	Kindsfater	02424	1988	PNC ecological condition.
258155	Kindsfater	02440	1988	Late seral to PNC ecological condition.

TABLE 4 (continued)
GRAZING ALLOTMENTS CHANGED FROM "I" IMPROVE TO "M" MAINTAIN CATEGORIES

Operator Number	Operator Name	Allot. Number	Year of Change	Explanation of Changes
258155	Kindsfater	02450	1988	Late seral condition.
258299	Clarkson R	02446	1988	PNC ecological condition.
258261	Reid, L.	02439	1988	Late seral to PNC ecological condition; upward trend.
258141	Holben, G.	02421	1988	Late seral to PNC ecological condition.
258152	Johnson, D.	02425	1988	Majority is in PNC ecological condition.
258341	White, W.	02225	1988	Majority is in late seral condition.
258259	Forbes, D.	02220	1988	Late seral condition.
258074	Delzer, M.	02310	1988	Majority is in PNC ecological condition.
258074	Delzer, M.	02410	1988	PNC ecological condition.
258210	Moreau Rvr	01740	1988	PNC ecological condition.
258131	Deibel, J.	02417	1988	Late seral to PNC ecological condition.
258021	Lindsey, B.	02302	1988	Late seral to PNC ecological condition.
258003	Randle Inc.	02304	1988	Late seral to PNC ecological condition.
258164	Humble, E.	02311	1988	PNC ecological condition.
258063	Crago, V.	02420	1988	PNC ecological condition; livestock winter range.
258031*	Burke, J.	02403		Majority is in late seral condition.
258007*	Arledge Ra	02401		Majority is in late seral condition.

*Recommended change in category - operator yet to be consulted.

TABLE 5
GRAZING ALLOTMENTS CHANGED FROM "M" MAINTAIN TO "I" IMPROVE CATEGORIES

Operator Number	Operator Name	Allot. Number	Year of Change	Explanation of Changes
258220*	Moreau Graz	02435		Watershed concerns.
258064*	Johnson, J.	02407		Watershed concerns.
258064*	Johnson, J.	02455		Should combine with Allotment 02407.
258344*	Widdoss, J.	02448		Watershed concerns and carrying capacity.
258027*	Burditt, L.	02205		Watershed concerns and adjudication.
258138	Johnson, J.	02419	1991	Watershed concerns.
258099*	Fravel, C.	02763		Watershed concerns; ecological condition.

*Recommended change in category - operator not yet consulted.

ACTIVITY PLANS

The following lists contain existing AMPs, allotments scheduled for activity plan development, and completed allotment development plans (Table 6).

Existing AMPs are:

Fort Meade (02501) -	Revise AMPs to incorporate
Bear Butte (02505) -	into CRMP format; tentative
	completion date is FY93.
Crago (02407) -	Revise into one AMP; tenta-
Crago (02455) -	tive completion date is FY92.
Moreau (02435) -	Revise AMP; tentative
	completion date is FY94.

Allotments scheduled for activity plan development are:

Badlands (07268) -	Develop new AMP; tentative
	completion date is FY94.
North Butte (02448) -	Develop new AMP; tentative
	completion date is FY93.
Exemption Area -	Develop new HMP; tentative
(02602),(02604)	completion date is FY94.
and (02612)	

Completed activity plans include AMPs, CRMPs, and Allotment Development Plans (ADPs); no additional AMPs have been developed or revised since the previous Rangeland Program Summary Update of 1987. Additional activity plans will be developed on an individual basis depending on the SDRA's allotment priority and budget. The following is a list of ADPs completed for the SDRA's Range Improvement Justification Program. These ADPs state objectives for general management, and some livestock rotations. In the future, all ADPs will be modified to conform to new Montana State Office policy.

TABLE 6
COMPLETED ALLOTMENT
DEVELOPMENT PLANS

Operator Number	Operator Name	Allotment Number	Management Status
258027	Burditt, L.	02205	I* Proposed
258295	Speers, G.	02223	I
258006	Casteel, T.	02301	M
258357	Wurnig, A.	02309	M
258164	Humble, E.	02311	M
258261	Reid, L.	02439	M
258056	Conner, D.	02460	M
258331	Humble, E.	07235	I

*Recommended change in category; operator not yet consulted.

No activity plans have been evaluated for management efficiency since the last RPS update of 1987. Future activity plans will be evaluated biennially rather than upon individual completion, and this evaluation will focus on the site-specific objectives of the activity plan management.

MONITORING PROGRAM

The SDRA's Monitoring Program Plan was completed in November of 1989. It is in accordance with the South Dakota RMP, the BLM Manual (4400) and the Supplemental Program Guidance. The plan's purpose is to detail a monitoring program for the 471 grazing allotments in the SDRA. The annual monitoring program evaluates all AMPs and the highest priority I category allotments. Additional baseline information is collected on all I allotments and on some M allotments, with different levels of data collection on the AMPs and majority of I allotments. Annual work plan commitments and allotment priority determine the number of allotments completed in any given year; seven to ten allotments, including the AMPs and high priority I allotments, usually are the number monitored. See Appendix 1 for allotment priority and monitoring status.

Monitoring studies may be long-term or short-term. Short-term studies include utilization, actual use, and climate studies. The SDRA currently uses three utilization methods: the Ocular Estimate by Plot Method, the Height-Weight Method, and the Key Forage Plant Method. Studies have been collected on all AMPs and on some high priority I allotments since the monitoring plan was implemented.

Actual use studies are done on all I and M category allotments. At the end of each annual grazing season, a letter requesting actual use is sent to all lessees in these categories. Lessee response has been 80 percent. In addition, periodic compliance inspections are used to verify actual use submission.

Climate studies involve precipitation gauges, soil moisture readings and temperature readings. Precipitation information is compiled and graphed from "Climatological Data" published monthly by the National Oceanic and Atmospheric Administration (NOAA). The following reporting stations are within the SDRA: Belle Fourche, Redig, Hot Springs, Elm Spring and Kirley. Four precipitation gauges in Butte County are read by cooperating lessees: Debbie VanKley, Scheele Ranch, Jim Johnson, and Bill Lindsey. In 1992 or 1993, a permanent self-sufficient Remote Automatic Weather Station (RAWS) or Omni weather station unit will be located at the Conner Ranch in T. 12 N., R. 3 E., sec. 4. The SDRA currently has seven established sites for studying the effects of soil moisture on plant growth. The method uses a gypsum block planted in the soil and read by

an electronic meter. Temperature readings are averages taken at specific sites and are available from "Climatological Data", published by NOAA.

As opposed to the short-term studies previously discussed, long-term studies are used to forecast trends. The method currently established in the SDRA is use of permanent photo points with line transects. All AMPs and most of the I and M category allotments have established trend studies; these 197 low intensity studies have been established and are read every three to six years. The cycle depends on the grazing pasture rotation. However, the ecological condition also is studied. See Appendix 2 for the Monitoring Study Schedule.

Ecology of the range is monitored by priority. Professionals compare the data with Soil Conservation Service (SCS) vegetation technical site guides to determine the ecological condition. See Appendix 1 for individual allotment ecological status reports.

The production or carrying capacity is based on range surveys done in the Missouri River Basin (MRB) in the 1950s and substantiated by use records and professional judgment. A new vegetation inventory is needed, however, to update the old surveys with respect to the ecological conditions and capacities. In 1992, the SDRA will establish phenology study stations to record annual readiness, to establish phenological stages for key plant species, and to develop height-weight curves for utilization, soil condition, and other relevant characteristics.

ALLOTMENT NAME AND BOUNDARY ADJUSTMENTS

Appendix 1 gives a detailed listing of updated allotment names. There have been no boundary adjustments since the 1987 update.

LAND TENURE ADJUSTMENTS

In 1989, the BLM acquired 250 acres of surface ownership in exchange for 250 acres of surface and sub-surface ownership. This is known as the Homestake Land Exchange (Exemption Area). Currently, the BLM has not issued any grazing leases for lands recently acquired from Homestake Mining Company.

Land tenure adjustments are shown in the following table.

TABLE 7
LAND TENURE ADJUSTMENTS

Operator Number	Operator Name	Allotment Number	Explanation for Acquisition/Disposal
258481	Anderson, C.	08481	Public Land Sale - 80 acres (20 AUMs), Casefile Cancelled
258014	Long, D.	08014	Land Exchange (Disposal) w/ Homestake - 105.97 acres (22 AUMs), Casefile Cancelled

RANGE IMPROVEMENTS

TABLE 8
RANGE IMPROVEMENT SCHEDULE

Operator #	Operator Name	Allot. #	Type of Project
FY 1987			
258171	White, B.	02215	2 livestock dugouts
258349	Wilsey, J.	02226	2 livestock reservoirs
258056	Conner, D.	02460	4 livestock dugouts
258140	Hoffman, M.	02213	1 livestock dugout
258160	Meyer, R.	02430	2 livestock dugouts
258071	Davis, C.	02470	1 livestock dugout
258341	White, W.	02225	1 livestock dugout 1 livestock reservoir
258131	Deibel, J.	02417	2 livestock dugouts
FY 1988			
258136	Bear Butte	02505	1 spring development
258096	Follette, G.	02413	1 livestock dugout
258133	Mefford, R.	02791	1 livestock dugout
258344	Widdoss Ranch	02448	8 livestock dugouts
258261	Reid, L.	02439	1 livestock dugout
258131	Deibel, J.	02417	8 livestock dugouts
FY 1989			
258220	Moreau Grazing	02435	3 livestock dugouts
258064	Johnson, J.	02407	3 livestock dugouts
258082	Kudlock, K.	02753	1 livestock dugout
FY 1990			
258025	Fort Meade	02501	1 spring addition development
258064	Johnson, J.	02407	4 livestock dugouts 1/2 mile riparian fence
258220	Moreau Grazing	02435	1 livestock reservoir
258355	Wood & Adams	02308	1 livestock dugout
258357	Wurnig, A.	02309	1 livestock dugout
258325	Schultes, A.	02228	1 livestock dugout
258071	Davis, C.	02470	150 ft. snowfence
258021	Lindsey, B.	02302	3 livestock dugouts
FY 1991			
258025	Fort Meade	02501	1/3 mile riparian fence 1 reservoir reconstruction
258295	Speers, G.	02223	150 ft. snowfence
258344	Widdoss Ranch	02448	1 livestock dugout
258031	Burke, J.	02403	1 livestock dugout
258160	Meyer, R.	02430	1 livestock dugout
258210	Moreau River	01740	1 livestock dugout
Proposed Range Improvements FY 1992 thru 1994			
258003	Randle, Inc.	02304	150 ft. snowfence
258136	Bear Butte	02505	7,030 ft. pipeline with 3 tanks
258025	Fort Meade	02501	stockwater tank maintenance and reconstruction
258136	Bear Butte	02505	spring reconstruction
258220	Moreau Grazing	02435	spreader reservoir for erosion control
258220	Moreau Grazing	02435	pot hole blast; existing silted-in reservoir
258064	Johnson, J.	02455	pot hole blast; existing silted-in reservoir
258025	Fort Meade	02501	3/4 mile riparian pasture fence
258200	VanKley, D.	02433	2 livestock dugouts
258220	Moreau Grazing	02435	3 livestock dugouts

The South Dakota Range Improvement Program annually receives \$70,000 to \$80,000 in Range Improvement Funds. The funds are subdivided into two components: overhead cost (including salary) and construction of range improvements.

MAINTENANCE PROGRAM

The Fort Meade Recreation Area is maintained by the BLM. This includes maintenance of water projects, and repair of perimeter and interior fences before issuing a new

3 year vegetation contract. It is then the responsibility of the purchaser of the contract to maintain and repair all fences during the lifetime of the contract.

The BLM maintains the following exclosures on public lands:

1. Battle Creek Riparian Demonstration Area - Crago AMP
2. 7-mile Exclosure (Wildlife) - Crago AMP
3. Treeplot Exclosure (Wildlife) - Moreau AMP
4. Wishbone Exclosure (Wildlife) - Crago AMP
5. Fort Meade Reservoir Exclosure - Bear Butte AMP
6. Spring Creek Riparian Exclosure - Bear Butte AMP

APPENDIX 1

ALLOTMENT CATEGORIZATION AND PRIORITY

GRAZ. NO.	ALLOT. NAME	ALLOT. NO.	PREF AUMS	ACRES	PNC	ECOLOGICAL CONDITION (ACRES)				UN- SUIT	PRI- ORITY	LIVESTOCK NUMBER	KIND OF LIVESTOCK	BEGINNING PERIOD	ENDING PERIOD
						LATE SERAL	MID SERAL	EARLY SERAL							
EXISTING AMPS (ALL "M" CATEGORY ALLOTMENTS)															
258025	FT. MEADE	2501	699	2790		2743				47	1	138	C	05/15	10/15
258136	BEAR BUTTE	2505	1261	2931		2790				141	2	227	C	05/15	10/30
158220	MOREAU	2435	4768	19869		15399				4470	3	900	C	05/15	10/31
258220		0	0	0								4387	S	05/15	10/31
25064	CRAGO	2407	2549	7918		6411				1507	4	458	C	05/01	10/31
258064		0	0	0								2290	S	05/01	10/31
258064	OUTSIDE	2455	667	2533		2043				490	5	45	C	03/01	02/28
		0	0	0								231	S	03/01	02/28
"I" CATEGORY ALLOTMENTS															
258038	PINE CREEK	2206	1204	4504		3666				838	1	418	C	03/01	02/28
258373	BADLANDS	7268	1045	3234	58	2004	387			785	2	500	C	03/01	02/28
258373		0	0	0								303	C	05/01	10/15
258373		0	0	0								164	C	05/01	10/15
258018	BEAN BL. CR.	2402	328	1382	1257					125	3	1100	S	03/01	02/28
258096	E. CROOKED CR.	2413	181	737	572					165	4	430	S	05/15	09/30
258228	POISON WEED	2218	1263	3920		1720	1850			398	5	421	C	03/01	02/18
258133	RIVER	2791	182	1000			947				6	39	C	05/01	10/31
258133		0	0	0								200	C	05/01	10/31
258355	W. CR. LATERAL	2308	126	400				396		4	7	150	C	05/01	09/30
258252	TOWNSITE	7213	80	640			547			93	8	250	C	05/20	11/01
258171	PEDRO	2215	699	2096		1538	305			253	9	291	C	05/01	12/01
258295	BULL CREEK	2223	236	1126		500	489			137	10	180	C	05/01	12/01
258295		0	0	0								8	B	05/01	12/01
258146	WHIMMER WHAM	2214	1478	4911		3221	491			1199	11	2020	C	03/01	02/28
258069	OPOSSUM HOL.	2409	790	2935		2375	560				12	500	S	03/01	02/28
258069		0	0	0								300	C	03/01	02/28
258031	SEIM RANCH	2403	1286	4756		3532				1224	13	1432	S	06/01	09/30
258031		0	0	0								239	C	06/01	09/30
258177	SHORT CREEK	2432	449	1930			1530			400	14	300	C	03/01	02/28
258200	WATSON DRAW	2433	505	2431		1968				463	15	200	C	03/01	10/28
258260	RAMEY	2438	680	2983		1015				1968	16	1000	C	05/01	09/30
258260		0	0	0								148	C	05/01	09/30
258260		0	0	0								352	C	05/01	09/30
258007	FLAT TOP	2401	1246	4440		3773				667	17	500	C	03/01	02/28
258007		0	0	0								2500	S	03/01	02/28
258287	JEEP TRAIL	2443	491	1668			1564			104	18	1750	S	05/01	11/01
258287		0	0	0								227	C	05/01	11/01
258152	UP. ALKALI	2419	178	720	718					2	19	234	S	05/15	11/01
258152		0	0	0								1000	S	03/01	02/28
258331	WATTAWA EAST	7235	380	1181		1109				72	20	42	Y	05/16	10/31
258331		0	0	0								232	C	05/16	10/31

"M" CATEGORY ALLOTMENTS

258344	NORTH BUTTE	2448	1969	7980	6689	1291	1	1396	Y	05/15	09/15
258356	T.Y.	7251	82	520	442		2	79	C	06/01	09/30
258349	WHEAT DRAW	2226	259	821	772	70	3	65	C	03/01	02/28
258056	ANTELOPE CR.	2460	1489	5374	4635	739	4	375	C	03/01	02/28
258056		0	0	0				400	S	03/01	02/28
258225	CROCKETT MT.	1756	796	2459	2190	269	5	700	C	03/01	02/28
258230	FOSTER CR.	1759	439	1253	1210	43	6	900	C	03/01	02/28
258140	HILL TOP	2213	170	530	462	34	7	100	C	05/01	01/31
258027	E.BADLANDS	2205	313	1200	1008	192	8	100	C	03/01	02/28
258027		0	0	0				100	C	06/01	09/30
258006	BELLE FR.RIV	2301	429	1382	1377	5	9	300	C	03/01	02/28
258311	MISSION RIDG	7221	409	1273	1136	137	10	300	C	09/01	10/31
258311		0	0	0				300	C	09/01	10/31
258275	BUFFALO CR.	1794	311	1200	869	331	11	200	C	05/01	10/31
258099	ORTON FLAT	2763	90	720	592	128	12	75	C	05/01	09/08
258039	ELM CREEK	2723	820	2703	1247	71	13	500	C	03/01	02/28
258312	IRON POST B.	7222	266	800	747	53	14	300	Y	03/01	02/28
258122	JUMP OFF	2780	462	1951	1361	590	15	160	S	03/01	02/28
258122		0	0	0				100	C	03/01	05/31
258122		0	0	0				100	C	12/01	02/28
258122		0	0	0				100	C	06/01	12/01
258113	PLEASANT VAL	2771	253	2216	1614	602	16	1100	S	03/01	02/28
258113		0	0	0				700	C	03/01	02/28
258008	HUDDLESTON C.	2703	131	501	426	75	17	96	C	11/01	12/31
258357	WILLOW	2309	210	680	679	1	18	89	C	05/15	09/29
258353	S.WILLOW CR.	7253	190	960	960		19	130	S	05/01	10/31
258201	L. ELM CREEK	2496	402	1360		234	20	2000	S	05/01	10/15
258325	FOURMILE	2228	510	2040	2040		21	6	H	04/01	09/01
258325		0	0	0				150	C	04/10	05/10
258325		0	0	0				307	C	11/15	12/03
258325		0	0	0				130	C	04/01	07/01
258325		0	0	0				6	H	09/02	12/31
258084	SO. INDIAN	2447	163	720	687	33	22	800	S	03/01	02/28
258084		0	0	0				300	S	04/15	05/15
258084		0	0	0				700	S	10/20	11/05
258084		0	0	0				800	S	01/25	02/05
258084		0	0	0				380	S	06/01	09/30
258274	ALKALI	2491	252	996		49	23	210	S	05/01	10/31
258008	TRUSSMAN	2491	100	320	283	37	24	79	C	05/01	10/30
258063	ROCKY BUTTE	2410	612	2480	640	73	25	500	C	03/01	02/28
258290	BATTLE CR.	2444	478	1749	1767	246	26	72	Y	05/26	09/30
258160	T.T. BUTTE	2430	1018	4154	1400	599	27	880	C	05/01	09/30
258049	FROZEN HORSE	2404	1105	4600	757	923	28	2700	S	03/01	02/28
258071	CUT BLADE	2470	404	1960	360	368	29	300	C	03/01	02/28
258302	DEEP CREEK	2224	222	605	588	17	30	95	C	05/15	12/01
258155	JONES	2424	306	981	981		31	745	S	05/01	10/31
258155		0	0	0				149	C	05/01	10/31

GRAZ. NO.	ALLOT. NAME	ALLOT. NO.	PREF AUMS	ACRES	PNC	ECOLOGICAL CONDITION (ACRES)				UN- SUIT	PRI- ORITY	LIVESTOCK NUMBER	KINDOF LIVESTOCK	BEGINNING PERIOD	ENDING PERIOD
						LATE SERAL	MID SERAL	EARLY SERAL							
258155	REID	2440	351	755	326	327			102	32	149	C	C	05/01	10/31
258155	PERSCHE	2450	225	723		723				33	464	C	C	05/01	10/31
258155		0	0								93	C	C	05/01	10/31
258299	GREASEWOOD	2446	370	1347	1233				114	34	1800	S	S	03/01	02/28
258261	2-TOP	2439	143	845		639			206	35	49	C	C	05/01	10/15
258141	TWO TOP	2421	272	1284	786	160			338	36	125	C	C	05/15	10/15
258152	S.F. MOREAU	2425	351	1240	951	240			49	37	300	S	S	03/01	02/28
258341	DEEP CREEK	2225	172	480		432			48	38	75	C	C	05/01	01/31
258259	BOURNE DRAW	2220	546	1612	212	913	329		158	39	125	C	C	03/01	05/31
258859		0	0	0							125	C	C	10/01	02/28
258074	FOUR MILE CR	2310	708	2241		1565			676	40	750	C	C	05/01	10/01
258074	HOEYE	2411	516	1640		1442			198	41	475	C	C	05/01	10/31
258210	SPUR CREEK	1740	351	1180		970			210	42	900	S	S	03/01	02/28
258210		0	0	0							100	C	C	03/01	02/28
258131	PORCUPINE CR	2417	2465	9782		7576			2206	43	1200	Y	Y	05/01	09/15
258021	TOWER	2302	1458	4504		4006			498	44	4000	S	S	12/01	02/28
258021		0	0	0							4000	S	S	03/01	04/08
258003	BUTTE CREEK	2304	473	1600		1408			192	45	426	C	C	05/01	10/16
258164	WATTAWA WEST	2311	188	880		880				46	42	Y	Y	03/01	04/30
258164		0	0	0							190	C	C	03/01	04/30
258164		0	0	0							185	S	S	03/01	04/30
258164		0	0	0							185	S	S	05/01	07/24
258164		0	0	0							42	Y	Y	05/01	05/15
258164		0	0	0							230	C	C	05/01	05/15
258164		0	0	0							185	S	S	05/01	05/15
258164		0	0	0							230	C	C	11/01	02/28
258164		0	0	0							230	C	C	11/01	02/28
258063	HITZEL	2420	237	981			749		232	47	200	C	C	03/01	02/28

ECOLOGICAL CONDITION (ACRES)

GRAZ. NO.	ALLOT. NAME	ALLOT. NO.	PREF AUMS	ACRES	PNC	ECOLOGICAL CONDITION (ACRES)				UN- SUIT	UN- CLASS	LIVESTOCK NUMBER	KINDOF LIVESTOCK	BEGINNING PERIOD	ENDING PERIOD
						LATE SERAL	MID SERAL	EARLY SERAL							
C" CATEGORY ALLOTMENTS															
258000	REDER	7262	13	37	37							110	C	03/01	02/28
258001		1786	48	160			160					600	Y	06/16	08/15
258002		0	0	0								1320	S	04/01	11/01
258002	ELM CREEK	2700	119	360	360							620	S	04/01	11/0
258004	INDIAN CREEK	2437	9	40		40						120	C	05/01	07/31
258009	SOUTH SULPHUR	2704	247	720		720						750	S	05/01	09/30
258010	COW CREEK	2705	63	320		320						12	C	06/01	10/31
258011	BAD RIVER	2706	195	615		615						5000	C	05/01	10/01
258012	MADISON CREEK	2707	11	40		40						200	C	03/01	02/28
258013	GEIGLE	2754	125	360		360						300	C	03/01	02/28
258013	SQUAW CREEK	2201	371	1170	1170							300	C	03/01	02/28

C" CATEGORY ALLOTMENTS

258015	DDD	2708	13	40		40				1150	S	03/01	02/28
258016	HACKAMORE	2709	120	400	400					750	C	03/01	02/28
258016	GRANDVIEW	7304	32	128	128					300	C	03/01	02/28
258016	BRUSH CREEK	2710	191	630	630					1000	C	03/31	02/28
258019	BATTLE CREEK	2718	215	719		719				250	C	03/01	02/28
258020	LEVEE	2202	14	47					47	55	C	03/01	02/28
258022	DDD	2204	111	351						100	C	03/01	02/28
258023		0	0	0						40	Y	05/01	11/30
258023	WILLOW CREEK	1774	53	194		194				105	C	05/01	11/30
258024	RED CANYON	2711	24	79		79				50	C	03/01	02/28
258026	ROCK CREEK	2712	27	80		80				800	C	03/01	02/28
258028	SPOKE	2713	7	21		21				100	C	03/01	02/28
258030	DDD	1703	203	608		608				2000	S	04/01	09/30
258031		0	0	0						195	C	03/01	02/28
258031	HOME RANCH	2478	60	240					240	1000	S	03/01	02/28
258032		0	0	0						75	C	12/01	02/28
258032	BEAVER CREEK	7214	11	120						75	C	03/01	03/31
258033	DDD	2715	154	516		516				220	C	05/01	09/30
258034		0	0	0						600	Y	06/15	08/15
258034		0	0	0						1200	Y	08/16	10/01
258034	BUCK PASTURE	2717	197	654						1200	Y	05/15	06/15
258035	POLE	2721	150	880						130	C	03/01	02/28
258036	FLINT ROCK	2719	153	515		515			674	300	C	03/29	02/28
258037	OWANKA	2722	12	40		40				180	C	05/15	10/15
258040	W. ELM CREEK	2724	58	240						300	C	05/01	09/30
258041	DDD	2726	266	783		783			240	200	C	03/01	02/28
258042		0	0	0						50	C	06/01	11/30
258042	EIGHTMILE CRE	2701	28	80		80				1000	S	06/01	11/30
258043	DDD	2727	203	600		600				420	C	05/01	10/31
258044	MOREAU RIVER	1708	12	40		40				350	C	03/01	02/28
258045	MISSION RIDGE	2730	247	734		734				300	C	03/01	02/28
258046	SOFT WATER	2728	12	40		40				400	S	03/01	02/28
258047	BRUSHY	2729	18	80		80				300	S	05/01	10/01
258048	BADLANDS	2731	8	160		160				100	C	05/15	11/01
258048	BIXBY ROAD	7326	43	200		200				120	C	06/01	10/15
258050	FROZEN MAN	2732	12	40		40				200	C	05/16	09/15
258051	SHORT PINE	2405	209	840		840				1100	S	03/01	02/28
258052	BEAVER CREEK	7228	20	80		80				40	C	04/01	05/30
258053	SOUTH FORK	2734	28	80		80				100	C	05/01	11/30
258055	DDD	2733	181	1008		153			855	475	C	05/15	10/14
258055		0	0	0						10	H	05/15	10/14
258057	COOK	2303	179	520		520				150	C	03/01	02/28
258057		0	0	0						500	S	03/01	02/28
258058	DDD	2737	148	457					457	250	C	03/01	02/28
258059	DDD	2736	335	1040		1040				600	C	03/01	02/28
258060	LITTLE MISSOU	2738	13	40		40				300	S	04/01	09/30
258061	DDD	2207	203	720						350	C	05/01	10/31
258062	DDD	2739	18	110					110	75	C	03/01	02/28

ECOLOGICAL CONDITION (ACRES)

GRAZ. NO.	ALLOT. NAME	ALLOT. NO.	PREF AUMS	ACRES	PNC	LATE SERAL	MID SERAL	EARLY SERAL	UN- SUIT	UN- CLASS	LIVESTOCK NUMBER	KINDOF LIVESTOCK	BEGINNING PERIOD	ENDING PERIOD
258063	WELFRING	2441	36	120						120	500	C	03/01	02/28
258065	WATSON DRAW	2408	177	519		519					350	C	03/01	02/28
258066		2806	25	80						80	11	C	05/01	11/01
258067	DDD	2741	100	440	440						500	S	03/01	03/31
258067		0	0	0							500	S	11/01	02/28
258068		7259	119	399	399						2600	C	06/01	11/15
258070	COLLINS PLACE	2406	120	480						480	450	S	03/01	02/28
258070	HOME PLACE	2743	11	40		40					120	C	05/01	08/31
258071		7265	20	119						119	2000	Y	05/01	10/31
258072	ROUND-UP	2744	70	240		240					900	S	03/01	02/28
258072		0	0	0							130	C	03/01	02/28
258073	DDD	2746	10	40		40					250	C	05/15	08/31
258074	WHEAT FARM	1757	87	280		280					2000	Y	05/01	10/31
258075		0	0	0							3500	S	05/01	09/30
258075	HAYSTACK BUTT	2745	384	1316			1316				3500	S	03/01	02/28
258076	DDD	2747	23	77						77	200	C	03/01	02/28
258077	WILLOW CREEK	2748	90	360		360					150	S	05/01	10/01
258078	MISSION CREEK	2749	355	1160		1030			130		575	C	03/01	02/28
258079	CITY CREEK	2602	14	15		8				7	3	H	06/01	11/30
258080	DUNN	2751	12	40						40	100	C	05/01	09/30
258080		0	0	0							425	S	05/01	09/30
258081	DDD	2752	78	240		240					400	Y	05/01	10/31
258082	DDD	2753	223	650		650					400	C	03/01	02/28
258083	DDD	2208	13	40						40	150	C	05/01	10/31
258085	HEIKKILA	7275	10	40	40						350	S	06/28	20/28
258086		0	0	0							110	Y	10/01	10/31
258086		7260	245	80		80					180	C	10/01	01/31
258087		0	0	0							40	C	03/01	02/28
258087	DDD	2755	166	600		600					400	S	03/01	02/28
258088	WAGON CREEK	2756	38	133		133					165	C	07/01	09/30
258089		2757	20	77	77						200	S	03/01	02/28
258090	TORNADO AREA	2604	60	202						202	15	C	06/01	09/30
258091	SOUTH CREEK	2759	53	160		160					500	C	10/01	02/28
258092	DDD	2758	53	160		160					300	C	05/01	10/31
258093	DDD	2760	108	315						315	175	C	03/01	02/2
258094	DDD	2761	17	80		80					150	C	03/01	02/28
258095	BOURNE DRAW	2209	171	520		449	8		63		108	C	11/01	02/01
258097	DDD	2762	118	561			561				250	C	03/01	02/28
258098	FOX	2414	488	1479		1479					600	C	03/01	02/28
258100	DDD	2764	67	200		200					100	C	06/01	10/31
258101	DDD	2211	222	680		680					190	C	03/01	02/28
258102	TIMBER CREEK	2453	240	800		650	150				60	C	06/01	10/30
258103	MIDDLE CREEK	2452	20	80						80	80	C	05/01	10/31

GRAZ. NO.	ALLOT. NAME	ALLOT. NO.	PREF AUMS	ACRES	PNC	ECOLOGICAL CONDITION (ACRES)				UN- SUIT	UN- CLASS	LIVESTOCK NUMBER	KIND OF LIVESTOCK	BEGINNING PERIOD	ENDING PERIOD
						LATE SERAL	MID SERAL	EARLY SERAL							
258145	DDD	2796	121	360		360						50	C	03/01	03/31
258147	DDD	2423	24	80		80						200	C	03/01	02/28
258148	DDD	2797	27	80	80							165	C	03/01	02/28
258149	DDD	2798	130	400		400						180	C	05/15	10/14
258150	DDD	1701	87	280		280						350	C	03/01	02/28
258153	DUNN-BURKE	2429	144	591			591					100	C	03/01	02/28
258153		0	0	0								150	S	03/01	02/28
258153		0	0	0								100	C	03/01	02/28
258153	MACY	2426	203	720		517			203			300	S	03/01	02/28
258154	BEAVER DAM	1702	230	1412	1412							2300	S	03/01	02/28
258156		0	0	0								300	C	05/01	11/30
258156	DDD	2427	73	200		200						320	S	05/01	11/30
258157	DDD	1705	14	40		40						125	C	03/01	02/28
258158	DDD	1704	230	916		916						200	C	03/01	02/28
258161	DDD	1706	44	160		160						150	C	03/01	02/28
258162	OWL CREEK	2428	107	580					191		389	100	C	03/01	02/28
258163		7324	36	125		125						150	C	03/01	02/28
258165	DOUBLE R	1709	203	571		571						200	C	05/01	08/30
258167	TWENTYONE DIV	2492	20	80		80						40	C	08/01	11/30
258168		7200	5	40		40						100	C	03/01	02/28
258169	DDD	1710	22	80		80						200	S	03/01	02/28
258170		1775	3	40							40	30	C	03/01	02/28
258172	DDD	1711	53	200		200						200	C	03/01	02/28
258173	COTTONWOOD	1712	22	80		80						90	C	05/01	11/01
258173		0	0	0								145	Y	05/01	11/01
258174	LAMPHERE	1713	56	240	240							800	S	03/01	02/28
258175	DDD	1714	160	480		480						80	C	05/16	10/15
258176	DDD	1715	44	160		160						100	C	03/01	02/28
258177	N. INDIAN CR.	2431	26	97							97	300	C	03/01	02/28
258178	RANCHSIDE	2497	79	280			280					100	C	03/01	02/28
258178		0	0	0								250	Y	06/01	01/30
258179		1753	7	40							40	100	C	03/01	02/28
258180		1716	50	200		200						300	C	03/01	02/28
258181	DDD	1720	74	196		196						150	C	05/15	09/15
258182	CLARKS FORK	1723	34	148	40	68					40	1200	C	03/01	02/28
258183	DDD	1717	12	40			40					300	C	03/01	02/28
258184		7266	20	128							128	110	C	05/01	11/30
258185	BRIDGER CREEK	1719	27	80	80							92	C	05/15	11/15
258186	DDD	1721	41	120	120							250	C	06/01	10/30
258187	DDD	1722	152	440		440						1000	S	03/01	03/31
258187		0	0	0								1000	S	12/01	02/28
258187		0	0	0								1000	S	06/01	09/30
258189	DDD	1725	167	560		560						600	C	03/01	02/28
258191	LITTLE MISSOU	1728	47	222		222						200	C	03/01	05/01

ECOLOGICAL CONDITION (ACRES)

GRAZ. NO.	ALLOT. NAME	ALLOT. NO.	PREF AUMS	ACRES	PNC	LATE SERAL	MID SERAL	EARLY SERAL	UN- SUIT	UN- CLASS	LIVESTOCK NUMBER	KINDOF LIVESTOCK	BEGINNING PERIOD	ENDING PERIOD
258234		0	0	0							150	C	02/01	02/28
258234		0	0	0							150	C	05/01	10/31
258235	DDD	1761	13	40						40		C	03/01	02/28
258237	MACY	1766	95	371	371						150	C	03/01	02/28
258237	HOOVER	1763	338	1200	1200						3200	S	03/01	02/28
258239	DDD	1764	95	360						360	900	C	03/01	02/28
258240	DDD	1765	24	80		80					2200	S	05/01	08/31
258241	DDD	1767	189	654		654					200	C	05/01	10/31
258242	BIG NASTY CRE	1768	13	40		40					100	C	03/01	03/31
258242		0	0	0							100	C	11/01	02/28
258243	DDD	1770	14	40						40	600	C	05/01	10/31
258244	LONETREE CR.	2451	15	40		40					200	C	05/01	10/31
258246	C. RIVER	1771	17	52						52	100	C	06/01	10/31
258247	DDD	1773	38	120	120						600	S	03/01	02/28
258249	DDD	1777	70	280						280	215	C	05/15	10/31
258250		1769	58	185		185					580	S	05/10	10/31
258251	PERSCHE/VAN H	2436	165	565		565					2000	C	05/01	10/31
258253	DDD	1776	48	280			280				390	C	03/01	02/28
258254	DDD	1778	72	240	240						100	C	06/01	11/01
258255	DDD	1779	114	320						320	200	C	06/01	10/31
258256	DDD	1780	105	360	360						600	S	06/01	10/31
258256		0	0	0							50	C	06/01	10/31
258257	DDD	1781	26	160		160					100	C	05/10	11/10
258258	THREE TREE DR	1782	20	80						80	400	C	03/01	02/28
258262		0	0	0							200	S	05/17	02/28
258262	BENTON STRIP	1783	172	1201			1201				200	C	05/17	02/28
258263	DDD	1784	12	40			40				500	C	03/01	02/28
258265		1718	10	80		80					15	C	05/01	09/01
258266	DDD	1790	97	320		320					100	C	11/01	02/28
258267		1737	12	40		40					180	C	07/15	09/30
258268	DDD	1787	34	104			104				300	C	03/01	02/28
258269	OWL CREEK	1788	38	240	240						90	C	03/01	02/28
258270	DDD	1789	19	120			120				100	C	05/01	12/31
258271	SECTION 24	1791	14	120		120					25	C	06/01	07/30
258272	CLARKS FORK W	1793	51	160	160						75	C	05/01	09/30
258273	CLARKS FORK E	1792	64	240	200		80				75	C	05/01	09/30
258277	DDD	1795	22	80							400	C	03/01	02/28
258278	DDD	2221	25	80		80					255	C	03/01	02/28
258279		1797	20	80						80	80	C	10/01	02/28
258280	DDD	1798	124	520		520					150	C	03/01	02/28
258282	DDD	1798	298	920			920				2000	S	05/01	10/31
258283	DDD	1799	166	525		525					150	C	05/15	10/15
258284	DDD	2222	108	480		480					400	C	05/10	11/10

GRAZ. NO.	ALLOT. NAME	ALLOT. NO.	PREF AUMS	ACRES	PNC	ECOLOGICAL CONDITION (ACRES)				UN- SUIT	UN- CLASS	LIVESTOCK NUMBER	KINDOF LIVESTOCK	BEGINNING PERIOD	ENDING PERIOD
						LATE SERAL	MID SERAL	EARLY SERAL							
258335	WHITE DRAW	7269	10	40	40							52	C	05/01	10/31
258336	DDD	7240	13	40		40						80	C	03/01	02/28
258337	RED OWL CREEK	7243	158	520								100	C	06/01	11/01
258338	DDD	7244	23	240		520						50	C	03/05	02/28
258340	DDD	7242	10	40		240						75	C	09/01	11/30
258342	DDD	7245	218	800		40						6500	Y	03/01	02/28
258343	RABBIT CREEK	7246	38	120		120						240	C	03/01	02/28
258345	DDD	7248	22	70							70	100	C	05/01	09/30
258347	DDD	7247	24	80		80						200	C	09/01	10/31
258348	WILLUWEIT	7257	12	40							40	2	C	03/01	02/28
258350	GRAND RIVER	7250	31	118		118						200	C	03/01	02/28
258351	RADIO TOWER	2494	11	40		40						200	C	03/01	02/28
258352	DDD	7251	27	80							80	205	C	03/01	02/28
258354	ANGUSTORA	7258	7	40		40						200	C	06/01	10/01
258358	DDD	7254	90	260		260						300	C	03/01	02/28
258359	STAGE HILL	7255	40	240			240					50	C	05/01	09/30
258360	DDD	2720	343	1129		1129						340	S	06/01	10/31
258361	DDD	7320	50	160							160	160	C	03/01	02/28
258362	DDD	7261	50	160							160		C	03/01	02/28
258363		0	0	0											
258363		7273	5	40		40									
258366		2750	105	360	360							750	C	03/01	05/31
258367		2210	14	119		119						500	Y	05/01	09/30
258368		7202	47	160	160							60	C	03/01	02/28
258369	SULPHUR CREEK	2716	36	120		120						2500	C	05/01	10/30
258370	DRY CREEK	7277	14	80			80					50	C	03/01	02/28
258371	SHEEPTAIL GUL	2625	32	8							8	100	C	03/01	02/28
258372		7267	7	20	20							6	H	03/01	02/28
258372		0	0	0								200	C	03/01	05/28
258374	WHITE DRAW	7270	10	40								200	C	11/01	02/28
258374	CHEYENNE	7271	3	20			40					125	C	03/01	02/28
258376		7272	12	120			20					125	C	03/01	02/28
258377		7274	16	80		120						300	C	05/01	12/31
258377						80						160	C	03/01	02/28
258378	CROSSING	7276	9	40		40						150	C	03/01	02/28
258379	FROZENMANS CR	7278	16	80		80						100	C	05/15	10/15
258380	PLUM CANYON	7279	8	40		40						100	C	03/01	02/28
258381	WIND CAVE	7280	10	40	40							50	C	03/01	02/28
258382	CHEYENNE	7281	36	320		320						70	C	06/01	10/01
258383	WALTON	7282	12	37		37						100	C	03/01	02/28
258384	CAVE HILLS	7283	68	234		234						500	C	07/01	11/30
258385		7284	14	40							40	100	C	11/01	02/28
258386		7325	18	60	60							500	C	07/01	10/01
258387		7285	20	80		80						75	C	05/01	12/01

258389	PLUM CREEK	7287	10	40	40	40	150	C	04/01	11/01
258390	ELKHORN PEAK	7288	19	160	160	100	100	C	04/01	07/01
258392		7290	10	40		25	25	C	06/01	11/01
258394		2412	7	40	40	100	100	C	05/10	10/15
258395		7292	100	360		1100	1100	C	05/01	10/01
258396		7294	12	40	40	50	50	C	06/15	10/01
258397	SHEEP MOUNTAIN	7295	30	160	160	400	400	S	06/01	10/01
258398		7296	9	80	80	300	300	Y	06/01	10/01
258399	MATSON-FOWLER	7297	20	71	71	600	600	S	03/01	02/28
258399	HANSON	7231	36	120	120	140	140	C	03/01	02/28
258400		7298	14	40	40	750	750	C	03/01	03/03
258400		0	0	0		750	750	C	11/10	02/28
258401	L. MISSOURI	7299	17	63	63	135	135	C	03/01	05/31
258401		0	0	0		135	135	C	10/01	02/20
258402	PLUM CR.	7300	7	40	40	2000	2000	S	03/01	06/01
258402		0	0	0		2000	2000	S	10/01	02/28
258404		7302	22	80	80	1200	1200	S	06/01	10/31
258405		7303	6	22	22	80	80	C	05/01	10/31
258406		7305	13	40	40	300	300	C	05/15	01/01
258407	TURTLE CREEK	7306	12	40	40	200	200	C	09/01	11/01
258408		7307	12	40	40	140	140	C	05/25	10/15
258409		7308	7	24	24	100	100	C	05/01	10/31
258410		7309	7	40	40	150	150	C	06/01	08/01
258411	MUD BUTTE	7310	12	40	40	120	120	C	03/01	02/28
258412		7311	13	40	40	100	100	C	06/01	10/01
258413	WASTA	7312	38	163	163	200	200	C	03/01	02/28
258415	LEGER DAM	7315	20	80	80	1200	1200	S	03/31	02/28
258416		7316	11	40	40	90	90	C	06/01	10/31
258417		7317	10	40		800	800	C	06/01	10/01
258418	STONEY BUTTE	7318	12	40	40	225	225	C	04/01	06/20
258419		7319	40	130	40	200	200	C	03/01	02/28
258420	SOUTH	7347	11	40	40	600	600	C	03/01	02/28
258420	NORTH	7321	36	120	40	110	110	C	03/01	02/28
258421		7322	20	80	80	50	50	C	03/01	02/28
258422		0	0	0		50	50	C	12/01	02/28
258422	FLINT ROCK CR	7323	12	40	40	50	50	C	03/01	04/01
258424		7313	12	40	40	40	40	C	05/01	12/31
258427	BIXBY	7328	113	360	360	550	550	C	03/01	02/28
258428	MOSIER	7329	42	320	160	100	100	C	03/01	02/28
258428		0	0	0		100	100	C	03/01	02/28
258429		7330	36	80	80	500	500	S	05/01	10/01
258433	WOLF SPRING C	2493	34	120		100	100	C	03/01	02/28
258433	PORCUPINE CRE	7334	8	40	40	50	50	C	05/15	10/31
258435	DUHAMEL FLAT	7336	103	324	324	200	200	C	03/01	02/28
258437		7338	13	40	40	70	70	C	05/15	09/01
258438	KIMBLE CREEK	7339	17	56	56	180	180	C	03/01	02/28
258439		7340	10	43		100	100	C	05/01	11/30

ECOLOGICAL CONDITION (ACRES)

GRAZ. NO.	ALLOT. NAME	ALLOT. NO.	PREF AUMS	ACRES	PNC	LATE SERAL	MID SERAL	EARLY SERAL	UN- SUIT	UN- CLASS	LIVESTOCK NUMBER	KIND OF LIVESTOCK	BEGINNING PERIOD	ENDING PERIOD
258440		7341	12	40						40	50	C	05/01	10/01
258441	M. BUTTE	7342	15	54	54						50	C	04/01	10/01
258442		0	0	0							150	C	11/01	02/28
258442	WHITE THUNDER	7343	15	40						40	150	C	03/01	05/01
258444		7345	7	40	40						150	C	06/01	09/01
258445	SPOTTED BEAR	7346	10	40						40	150	C	03/01	02/28
258447		7348	5	40			40				350	C	06/01	08/01
258448		7349	47	200	200						500	C	06/15	12/01
258450		7351	46	91			91			40	100	C	06/01	11/01
258451	RIDGE	7352	8	40							50	C	12/01	02/28
258452		7353	27	101	101						150	C	05/15	02/28
258453		7354	27	80	80						500	C	03/01	02/28
258455	SUNDING	7356	14	49	49						150	S	03/01	02/28
258456	HASART	7289	8	40						40	350	C	03/01	02/28
258456	MUELLER	7357	17	80						80	150	Y	03/01	02/28
258456	CONLON	7291	21	70	70					70	130	Y	03/01	02/28
258457		7358	13	40	40						66	C	05/15	11/15
258458		7359	12	80		80					100	C	06/01	11/01
258459		7360	10	40	40						200	C	06/01	12/30
258460		7361	11	40		40					260	C	06/01	09/15
258461		7362	13	40						40	365	C	03/01	02/28
258462		7363	53	160	160						335	C	06/01	10/31
258463		7364	12	40	40						300	C	07/01	09/30
258464	HAXBY DRAW	7365	13	40						40	150	C	03/01	06/30
258465		0	0	0							500	S	05/01	10/31
258465		7366	10	40		40					150	C	05/01	10/31
258466		7367	3	40	40						3	C	05/01	11/30
258467		7368	10	40	40						300	C	06/01	12/01
258468		0	0	0							90	C	09/01	02/28
258468	NASTY CREEK	7369	9	28	28						90	C	03/01	03/31
258470		7370	10	40	40						280	C	05/01	09/30
258472	LEMMON BUTTE	7372	5	40	40						5	C	03/01	02/28
258474	TVEIDT	7374	6	40						40	70	C	06/01	10/01
258476		7376	10	40		40					400	C	03/01	02/28
258477	CROW EAGLE CR	7377	25	80	80						500	C	07/01	12/01
258478		7378	18	55	55						500	C	03/01	02/28
258479		7379	10	40	40						1250	C	03/01	02/28
258482		7256	503	2323		1874			449		268	C	06/01	10/31
258483	ZIMMERSCHILD	1785	12	40	40						50	C	05/15	10/15
258484	ANDERSON	2740	7	40		40					40	C	03/01	02/28
258485	DELANY	2805	50	200	200						125	C	05/15	10/15
O258426		7327	8	40		40					100	C	06/15	11/30
W258305		0	0	0							150	C	11/15	02/28
W258305	JUG CREEK	2305	70	200		200				28	C	05/01	12/31	
WM.258159		0	0	0						300	C	10/01	02/28	
WM.258265	DDD	1707	19	76	76					300	C	03/01	04/30	

APPENDIX 2

MONITORING STUDY SCHEDULE

ALLOT. NO.	ALLOT. NAME	PASTURE	PLOT NO.	READING INTERAL	DATES LAST READ	NEXT READING
1740	SPUR CREEK		1	5	07/05/88	1993
2206	PINE CREEK RIVER	1	5		06/18/87	1992
2206	PINE CREEK NO. 4	1	5		06/17/87	1992
2206	PINE CREEK NO. 5	1	5		06/17/87	1992
2206	PINE CREEK NO. 6	1	5		06/18/87	1992
2206	PINE CREEK NO. 6	2	5		06/18/87	1992
2214	WHIMMER WHAMMER	NO. 1	1	5	07/12/88	1993
2215	PEDRO	NO. 1	1	5	06/14/88	1993
2218	POISON WEED	NO. 1	1	5	09/01/87	1992
2218	POISON WEED	NO. 2	1	5	09/01/87	1992
2218	POISON WEED	NO. 3	1	5	09/01/87	1992
2218	POISON WEED	NO. 4	1	5	09/01/87	1992
2220	BOURNE DRAW	NO. 1	1	5	06/14/88	1993
2220	BOURNE DRAW	NO. 2	1	5	06/14/88	1993
2223	BULL CREEK	NO. 1	1	5	06/15/88	1993
2224	RIVER FRONT	NO. 1	1	5	09/02/87	1992
2224	RIVER FRONT	RIP.NO.1	1	5	09/02/87	1992
2225	DEEP CREEK	NO. 1	1	5	06/13/88	1993
2302	TOWER	NO. 1	1	5	06/29/88	1993
2302	TOWER	NO. 2	1	5	06/29/88	1993
2302	TOWER	NO. 3	1	5	06/29/88	1993
2302	TOWER	NO. 4	1	5	06/29/88	1993
2302	TOWER	NO. 5	1	5	06/29/88	1993
2304	BUTTE CREEK	NO. 1	1	5	07/06/88	1993
2304	BUTTE CREEK	NO. 2	1	5	07/06/88	1993
2304	BUTTE CREEK	NO. 3	1	5	07/06/88	1993
2308	WILLOW CR.LATERAL	NO. 1	1	5	07/30/87	1992
2310	FOUR MILE CREEK	NO. 1	1	5	06/24/88	1993
2310	FOUR MILE CREEK	NO. 1	2	5	06/24/88	1993
2310	FOUR MILE CREEK	NO. 2	1	5	06/24/88	1993
2311	WATAWA-WEST	NO. 1	1	5	06/27/88	1993
2311	WATAWA-WEST	NO. 2	1	5	06/27/88	1993
2401	FLAT TOP	NO. 1	1	5	07/28/89	1994
2401	FLAT TOP	NO. 1	2	5	07/28/89	1994
2402	BEAN BLOSSOM CREEK	NO. 1	1	5	08/11/87	1992
2402	BEAN BLOSSOM CREEK	NO. 2	1	5	08/11/87	1992
2402	BEAN BLOSSOM CREEK	NO. 3	1	5	08/11/87	1992
2404	FROZEN HORSE	NO. 1	1	5	07/08/87	1992
2404	FROZEN HORSE	NO. 2	1	5	07/08/87	1992
2404	FROZEN HORSE	NO. 3	1	5	07/08/87	1992
2404	FROZEN HORSE	NO. 4	1	5	07/08/87	1992
2407	CRAGO	DRISKILL	1	6	07/13/90	1996
2407	CRAGO	DRISKILL	2	6	07/12/90	1996
2407	CRAGO	DRISKILL	3	6	07/13/90	1996
2407	CRAGO	DRISKILL	4	6	07/13/90	1996
2407	CRAGO (NO PH.PL.)	DRISKILL	5	6	07/13/90	1996
2407	CRAGO	DRISKILL	6	6	07/13/90	1996
2407	CRAGO	VAN KIRK	1	6	06/07/88	1994
2407	CRAGO	VAN KIRK	2	6	06/07/88	1994
2407	CRAGO	VAN KIRK	3	6	06/07/88	1994
2407	CRAGO	VAN KIRK	4	6	06/07/88	1994
2407	CRAGO	MULE DEER	1	6	09/24/87	1993
2407	CRAGO	MULE DEER	2	6	09/23/87	1993
2407	CRAGO	MULE DEER	3	6	09/24/87	1993
2407	CRAGO	MULE DEER	4	6	09/23/87	1993

ALLOT. NO.	ALLOT. NAME	PASTURE	PLOT NO.	READING INTERAL	DATES LAST READ	NEXT READING
2407	CRAGO	MULE DEER	5	6	09/23/87	1993
2407	CRAGO	MULE DEER	6	6	09/23/87	1993
2407	CRAGO	MULE DEER	7	6	09/23/87	1993
2407	CRAGO	DRISKILL	7A	6	09/23/87	1993
2407	CRAGO	BECKMAN	1	6	09/05/86	1992
2407	CRAGO	BECKMAN	2	6	09/05/86	1992
2407	CRAGO	BECKMAN	3	6	09/05/86	1992
2407	CRAGO	BECKMAN	4	6	09/05/86	1992
2407	CRAGO	BECKMAN	5	6	09/05/86	1992
2407	CRAGO	BECKMAN	6	6	09/05/86	1992
2407	CRAGO	SEVEN MILE	1	6	06/27/91	1997
2407	CRAGO	SEVEN MILE	2	6	06/27/91	1997
2407	CRAGO	SEVEN MILE	3	6	06/27/91	1997
2407	CRAGO	SEVEN MILE	4	6	06/27/91	1997
2407	CRAGO	SEVEN MILE	5	6	06/26/91	1997
2407	CRAGO	NORTH	1	6	06/23/89	1995
2407	CRAGO	NORTH	2	6	06/23/89	1995
2407	CRAGO	NORTH	3	6	06/23/89	1995
2407	CRAGO (NO PH.PL.)	NORTH	4	6	06/23/89	1995
2407	CRAGO	NORTH	5	6	06/23/89	1995
2409	OPOSSUM HOLLOW	NO. 1	1	5	07/20/89	1994
2409	OPOSSUM HOLLOW	NO. 2	1	5	07/20/89	1994
2410	ROCKY BUTTE	NO. 1	1	5	07/30/87	1992
2410	ROCKY BUTTE	NO. 2	1	5	07/30/87	1992
2410	ROCKY BUTTE	NO. 3	1	5	07/30/87	1992
2411	HOEYE	NO. 1	1	5	06/24/88	1993
2411	HOEYE	NO. 2	1	5	06/22/88	1993
2413	E. CROOKED CREEK	NO. 1	1	5	08/06/87	1992
2417	PORCUPINE CREEK	NO. 1	1	5	06/21/88	1993
2417	PORCUPINE CREEK	NO. 2	1	5	06/21/88	1993
2417	PORCUPINE CREEK	NO. 3	1	5	06/21/88	1993
2417	PORCUPINE CREEK	NO. 4	1	5	06/21/88	1993
2417	PORCUPINE CREEK	NO. 5	1	5	06/22/88	1993
2417	PORCUPINE CREEK	NO. 6	1	5	06/21/88	1993
2417	PORCUPINE CREEK	NO. 7	1	5	06/22/88	1993
2420	HITZEL	NO. 1	1	5	06/12/87	1992
2421	TWO TOP	NO. 1	1	5	07/23/87	1992
2421	TWO TOP	NO. 2	1	5	07/23/87	1992
2421	TWO TOP	NO. 3	1	5	07/23/87	1992
2424	JONES	NO. 1	1	5	07/30/87	1992
2425	S.F. MOREAU	NO. 1	1	5	08/11/87	1992
2425	S.F.MOREAU	NO. 2	1	5	08/11/87	1992
2430	T.T. BUTTE	NO. 1	1	5	06/29/87	1992
2430	T.T. BUTTE	NO. 2	1	5	06/29/87	1992
2430	T.T. BUTTE	NO. 3	1	5	06/29/87	1992
2430	T.T. BUTTE	NO. 4	1	5	06/29/87	1992
2432	SHORT CREEK	NO. 1	1	5	07/26/89	1994
2433	WATSON DRAW	NO. 1	1	5	07/24/89	1994
2435	MOREAU	BAT.CR.#1	1	3	08/06/90	1993
2435	MOREAU	BAT.CR.#1	2	3	08/06/90	1993
2435	MOREAU	BAT.CR.#2	1	3	06/26/89	1992
2435	MOREAU	BAT.CR.#2	2	3	06/26/89	1992
2435	MOREAU	BAT.CR.#3	1	3	06/27/91	1994
2435	MOREAU	BAT.CR.#3	2	3	06/27/91	1994
2435	MOREAU	L.4-MI.#1	1	3	08/06/90	1993
2435	MOREAU (NO PH.PL.)	L.4 MI.#1	2	3	08/06/90	1993
2435	MOREAU (NO PH.PL.)	L.4-MI #2	1	3	06/23/90	1992
2435	MOREAU	L.4 MI.#2	2	3	06/23/90	1992
2435	MOREAU	L.4 MI.#2	3	3	06/23/89	1992
2435	MOREAU	L. 4 MI.#3	1	3	07/03/91	1994

ALLOT. NO.	ALLOT. NAME	PASTURE	PLOT NO.	READING INTERAL	DATES LAST READ	NEXT READING
2435	MOREAU	L. 4 MI.#3	2	3	07/09/91	1994
2435	MOREAU	U. 4 MI.#1	1	4	07/28/87	1992
2435	MOREAU	U. 4 MI.#1	2	4	07/28/87	1992
2435	MOREAU	U. 4 MI.#2	1	4	08/06/90	1994
2435	MOREAU (NO PH.PL.)	U. 4 MI.#2	2	4	08/06/90	1994
2435	MOREAU	U. 4 MI.#2	3	4	08/06/90	1994
2435	MOREAU	U. 4 MI.#3	1	4	07/05/89	1993
2435	MOREAU	U. 4 MI.#3	2	4	07/05/89	1993
2435	MOREAU	U. 4 MI.#3	3	4	07/05/89	1993
2435	MOREAU	U. 4 MI.#4	1	4	07/02/91	1995
2435	MOREAU	U. 4 MI.#4	2	4	07/02/91	1995
2435	MOREAU	RIVER #1	1	4	07/05/89	1993
2435	MOREAU	RIVER #2	1	4	06/17/88	1992
2435	MOREAU	RIVER #2	2	4	06/17/88	1992
2435	MOREAU	RIVER #3	1	4	07/09/91	1995
2435	MOREAU	RIVER	2	4	07/09/91	1995
2435	MOREAU	RIVER #4	1	4	08/08/90	1994
2435	MOREAU	U. ALK #1	1	4	07/06/89	1993
2435	MOREAU	U. ALK #1	2	4	07/06/89	1993
2435	MOREAU	U. ALK #2	2	4	06/16/88	1992
2435	MOREAU	U. ALK #2	5	4	06/16/88	1992
2435	MOREAU	U. ALK #3	1	4	07/02/91	1995
2435	MOREAU	U. ALK #3	2	4	07/09/91	1995
2435	MOREAU	U. ALK #3	3	4	07/02/91	1995
2435	MOREAU	U. ALK #3	4	4	07/02/91	1995
2435	MOREAU	U. ALK #4	1	4	08/07/90	1994
2435	MOREAU	U. ALK #4	2	4	08/07/90	1994
2435	MOREAU	M. ALK #1	1	4	06/16/88	1992
2435	MOREAU	M. ALK #1	3	4	06/16/88	1992
2435	MOREAU	M. ALK #1	4	4	06/16/88	1992
2435	MOREAU	M. ALK. #2	1	4	07/06/89	1993
2435	MOREAU	M. ALK #3	0	4	07/02/91	1995
2435	MOREAU	M. ALK #3	1	4	07/02/91	1995
2435	MOREAU	M. ALK #3	2	4	07/02/91	1995
2435	MOREAU	M. ALK #4	1	4	08/07/90	1994
2435	MOREAU	M. ALK #4	2	4	08/07/90	1994
2435	MOREAU (NO PH.PL.)	M. ALK #3	3	4	08/07/90	1994
2435	MOREAU	L. ALK #1	1	4	08/08/90	1994
2435	MOREAU	L. ALK #1	2	4	08/08/90	1994
2435	MOREAU (NO PH.PL.)	L. ALK #2	1	4	07/07/89	1993
2435	MOREAU	L. ALK #2	2	4	07/07/89	1993
2435	MOREAU	L. ALK #3	1	4	06/16/88	1992
2435	MOREAU	L. ALK #4	1	4	07/09/91	1995
2435	MOREAU	CADY CR #1	1	4	07/07/89	1993
2435	MOREAU	CADY CR #1	2	4	07/07/89	1993
2435	MOREAU	CADY CR #2	1	4	06/17/88	1992
2435	MOREAU	CADY CR #2	2	4	06/17/88	1992
2435	MOREAU	CADY CR #2	3	4	07/05/91	1995
2435	MOREAU	CADY CR #3	1	4	07/09/91	1995
2435	MOREAU	CADY CR #3	2	4	07/05/91	1995
2435	MOREAU	CADY CR #4	1	4	08/07/90	1994
2438	RAMEY	NO. 1	1	5	06/23/88	1993
2438	RAMEY	NO. 1	2	5	06/23/88	1993
2438	RAMEY	NO. 2	1	5	06/23/88	1993
2439	2-TOP	NO. 1	1	5	07/23/87	1992
2439	2-TOP	NO. 2	1	5	07/23/87	1992
2440	REID	NO. 1	1	5	07/23/87	1992
2440	REID	NO. 2	1	5	07/23/87	1992
2444	BATTLE CREEK	NO. 1	1	5	07/09/87	1992
2444	BATTLE CREEK	NO. 2	1	5	07/09/87	1992

ALLOT. NO.	ALLOT. NAME	PASTURE	PLOT NO.	READING INTERAL	DATES LAST READ	NEXT READING
2446	GREASEWOOD	NO. 1	1	5	07/30/87	1992
2446	GREASEWOOD	NO. 2	1	5	07/30/87	1992
2443	JEEP TRAIL	NO. 1	1	5	07/21/89	1994
2450	PERSCHE	NO. 1	1	5	07/23/87	1992
2470	CUT BLADE	NO. 1	1	5	06/04/87	1992
2470	CUT BLADE	NO. 2	1	5	06/04/87	1992
2491	ALKALI	NO. 1	1	5	08/06/87	1992
2501	FT. MEADE	N	1	3	08/22/90	1993
2501	FT. MEADE	S	1	3	07/01/91	1994
2501	FT. MEADE	SW	1	3	08/02/89	1992
2502	BEAR BUTTE	NE	1	4	07/01/91	1995
2502	BEAR BUTTE	SE	1	4	08/22/90	1994
2502	BEAR BUTTE	SE	2	4	08/22/90	1994
2502	BEAR BUTTE	SW	1	4	08/10/89	1993
2502	BEAR BUTTE (NO PH.)	SW	2	4	08/14/74	1993
2502	BEAR BUTTE	NW	1	4	06/20/88	1992
2791	RIVER	NO. 1	1	5	07/14/87	1992
7213	TOWN SITE	NO. 1	1	5	07/13/87	1992
7235	WATTAWA-EAST	NO. 1	1	5	06/27/88	1993
7235	WATTAWA-EAST	NO. 2	1	5	06/27/88	1993
7268	BADLANDS	NO. 1	1	5	09/08/87	1992

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